# Two-Week Training Programme for WPO/ACF/RFO on <br> "Preparation of Working Plan Forest Resource Assessment using RS/GIS \& Field Inventory Method " 

Dated: 15-01-2024 to 25-01-2024

## Demonstration of Data Capturing App

Forest Survey of India,<br>Ministry of Environment, Forests and Climate Change<br>Dehradun. www.fsi.nic.in<br>17th January, 2024

## List of the Sample Plots

| Id | GRID_ID | $\underset{\mathrm{w}}{\text { GRID_ID_Ne }}$ | InvCyc | CycleNo | $\begin{gathered} \text { Targetye } \\ \text { ar } \end{gathered}$ | GridSize | Grid25 | Grid125 | PlotNo | Mapshee tNoNew | LongitudeNew | LatitudeNew | $\left\|\begin{array}{c} \text { State } \\ \text { Code } \end{array}\right\|$ | StateName | $\left.\begin{gathered} \text { Distri } \\ \text { ctCod } \\ e \end{gathered} \right\rvert\,$ |  | $\left\|\begin{array}{c\|} \text { circl } \\ \text { eCod } \\ e \end{array}\right\|$ | CircleNa me | $\left\|\begin{array}{c} \text { Fore } \\ \text { stDi } \\ \text { visi } \end{array}\right\| \text { F }$ | ForestDivisi <br> on | $\left\|\begin{array}{c} \text { Rang } \\ \text { eCod } \\ \mathrm{e} \end{array}\right\|$ | RangeName | Beat | Block |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 004168101224211 | 004168 | 004168_4_21 1 | 1 | 01 | 22 | 4 | 2 | 1 | 1 | 43J05 | $74^{\circ} 23^{\prime} 15.13^{\prime \prime} \mathrm{E}$ | $34^{\circ} 45^{\prime} 02.59^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004288101224011 | 004288 | 004288_4_01 1 | 1 | 01 | 22 | 4 | 0 | 1 | 1 | 43,06 | $74^{\circ} 20^{\prime} 04.49^{\prime \prime} \mathrm{E}$ | $34^{\circ} 44^{\prime} 25.71^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 01 | kupwara | 03 | North | 02 | Kamraj | 03 | Matchil | NA | NA |
| 004288101224061 | 004288 | 004288_4_06 1 | 1 | 01 | 22 | 4 | 0 | 6 | 1 | 43,06 | $74^{\circ} 20^{\prime} 05.32^{\prime \prime} \mathrm{E}$ | $34^{\circ} 43^{\prime} 52.41^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 K | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004288101224111 | 004288 | 004288_4_11 1 | 1 | 01 | 22 | 4 | 1 | 1 | 1 | $43 J 06$ | $74^{\circ} 20^{\prime} 06.15^{\prime \prime} \mathrm{E}$ | $34^{\circ} 43^{\prime} 19.11^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004288101224161 | 004288 | 004288_4_16 | 1 | 01 | 22 | 4 | 1 | 6 | 1 | 43,06 | $74^{\circ} 20^{\prime} 06.98^{\prime \prime} \mathrm{E}$ | $34^{\circ} 42^{\prime} 45.81^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004288101224211 | 004288 | 004288_4_21 1 | 1 | 01 | 22 | 4 | 2 | 1 | 1 | 43,06 | $74^{\circ} 20^{\prime} 07.811^{\prime \prime}$ E | $34^{\circ} 42^{\prime} 12.52^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004289101224011 | 004289 | 004289_4_01 1 | 1 | 01 | 22 | 4 | 0 | 1 | 1 | 43 J 06 | $74^{\circ} 23^{\prime} 15.95{ }^{\prime \prime} \mathrm{E}$ | $34^{\circ} 44^{\prime} 29.29^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004289101224061 | 004289 | 004289_4_061 | 1 | 01 | 22 | 4 | 0 | 6 | 1 | 43J06 | $74^{\circ} 23^{\prime} 16.77^{\prime \prime} \mathrm{E}$ | $34^{\circ} 43^{\prime} 55.99^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004289101224111 | 004289 | 004289_4_11 | 1 | 01 | 22 | 4 | 1 | 1 | 1 | 43J06 | $74^{\circ} 23^{\prime} 17.58^{\prime \prime} \mathrm{E}$ | $34^{\circ} 43^{\prime} 22.69{ }^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004289101224161 | 004289 | 004289_4_161 | 1 | 01 | 22 | 4 | 1 | 6 | 1 | 43J06 | $74^{\circ} 23^{\prime} 18.40^{\prime \prime} \mathrm{E}$ | $34^{\circ} 42^{\prime} 49.40^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004289101224211 | 004289 | 004289_4_21 | 1 | 01 | 22 | 4 | 2 | 1 | 1 | 43,06 | $74^{\circ} 23^{\prime} 19.22^{\prime \prime} \mathrm{E}$ | $34^{\circ} 42^{\prime} 16.10^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2 st |
| 004290101224061 | 004290 | 004290_4_06 | 1 | 01 | 22 | 4 | 0 | 6 | 1 | 43J06 | $74^{\circ} 26^{\prime} 28.22^{\prime \prime} \mathrm{E}$ | $34^{\circ} 43^{\prime} 59.52^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Chontiwari | Matchil 2st |
| 004290101224111 | 004290 | 004290_4_11 | 1 | 01 | 22 | 4 | 1 | 1 | 1 | 43 J 06 | $74^{\circ} 26^{\prime} 29.02^{\prime \prime}$ E | $34^{\circ} 43^{\prime 2} 26.22^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Chontiwari | Matchil 2st |
| 004290101224161 | 004290 | 004290_4_161 | 1 | 01 | 22 | 4 | 1 | 6 | 1 | 43,06 | $74^{\circ} 26^{\prime} 29.83^{\prime \prime} \mathrm{E}$ | $34^{\circ} 42^{\prime} 52.93^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Chontiwari | Matchil 2st |
| 004290101224211 | 004290 | 004290_4_21 | 1 | 01 | 22 | 4 | 2 | 1 | 1 | 43 J 06 | $74^{\circ} 26^{\prime} 30.63^{\prime \prime} \mathrm{E}$ | $34^{\circ} 42^{\prime} 19.63^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Chontiwari | Matchil 2 st |
| 004291101224111 | 004291 | 004291_4_11 | 1 | 01 | 22 | 4 | 1 | 1 | 1 | 43,06 | $74^{\circ} 29^{\prime} 40.46^{\prime \prime} \mathrm{E}$ | $34^{\circ} 43^{\prime} 29.70^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Dupal | Matchil 1st |
| 004291101224211 | 004291 | 004291_4_21 | 1 | 01 | 22 | 4 | 2 | 1 | 1 | 43J06 | $74^{\circ} 29^{\prime} 42.05^{\prime \prime} \mathrm{E}$ | $34^{\circ} 42^{\prime} 23.11^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Dupal | Matchil 1st |
| 004408101224061 | 004408 | 004408_4_06 | 1 | 01 | 22 | 4 | 0 | 6 | 1 | 43J06 | $74^{\circ} 16^{\prime} 58.09^{\prime \prime} \mathrm{E}$ | $34^{\circ} 41^{\prime} 02.30^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 01 | kupwara | 03 | North | 02 | Kamraj | 04 | North Lolab | Moori | Kalaroos |
| 004408101224111 | 004408 | 004408_4_11 | 1 | 01 | 22 | 4 | 1 | 1 | 1 | 43,06 | $74^{\circ} 16^{\prime} 58.93^{\prime \prime} \mathrm{E}$ | $34^{\circ} 40^{\prime} 29.01^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 01 | kupwara | 03 | North | 02 | Kamraj | 04 | North Lolab | Kalaroos | Kalaroos |
| 004408101224161 | 004408 | 004408_4_161 | 1 | 01 | 22 | 4 | 1 | 6 | 1 | 43,06 | $74^{\circ} 16^{\prime} 59.77^{\prime \prime} \mathrm{E}$ | $34^{\circ} 39^{\prime} 55.72^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 01 | kupwara | 03 | North | 02 | Kamraj | 04 | North Lolab | Kalaroos | Kalaroos |
| 004408101224211 | 004408 | 004408_4_21 | 1 | 01 | 22 | 4 | 2 | 1 | 1 | 43,06 | $74^{\circ} 17^{\prime} 00.61^{\prime \prime} \mathrm{E}$ | $34^{\circ} 39^{\prime} 22.44^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 04 | North Lolab | Kalaroos | Kalaroos |
| 004409101224011 | 004409 | 004409_4_01 | 1 | 01 | 22 | 4 | 0 | 1 | 1 | 43J06 | $74^{\circ} 20^{\prime} 08.64^{\prime \prime} \mathrm{E}$ | $34^{\circ} 41^{\prime} 39.23^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 04 | North Lolab | Moori | Kalaroos |
| 004409101224061 | 004409 | 004409_4_06 | 1 | 01 | 22 | 4 | 0 | 6 | 1 | 43,06 | $74^{\circ} 20^{\prime} 09.47^{\prime \prime} \mathrm{E}$ | $34^{\circ} 41^{\prime} 05.93^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 04 | North Lolab | Moori | Kalaroos |
| 004409101224111 | 004409 | 004409_4_11 | 1 | 01 | 22 | 4 | 1 | 1 | 1 | 43J06 | $74^{\circ} 20^{\prime} 10.30^{\prime \prime} \mathrm{E}$ | $34^{\circ} 40^{\prime} 32.64{ }^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 04 | North Lolab | Moori | Kalaroos |
| 004409101224161 | 004409 | 004409_4_161 | 1 | 01 | 22 | 4 | 1 | 6 | 1 | 43 J 06 | $74^{\circ} 20^{\prime} 11.13^{\prime \prime} \mathrm{E}$ | $34^{\circ} 39^{\prime} 59.36^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 04 | North Lolab | Moori | Kalaroos |
| 004409101224211 | 004409 | 004409_4_21 | 1 | 01 | 22 | 4 | 2 | 1 | 1 | 43J06 | $74^{\circ} 20^{\prime} 11.96^{\prime \prime} \mathrm{E}$ | $34^{\circ} 39^{\prime} 26.07^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 04 | North Lolab | Moori | Kalaroos |
| 004410101224011 | 004410 | 004410_4_01 | 1 | 01 | 22 | 4 | 0 | 1 | 1 | 43 J 06 | $74^{\circ} 23^{\prime} 20.04^{\prime \prime} \mathrm{E}$ | $34^{\circ} 41^{\prime} 42.811^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004410101224061 | 004410 | 004410_4_06 | 1 | 01 | 22 | 4 | 0 | 6 | 1 | 43J06 | $74^{\circ} 23^{\prime} 20.85^{\prime \prime} \mathrm{E}$ | $34^{\circ} 41^{\prime} 09.51^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004410101224111 | 004410 | 004410_4_11 | 1 | 01 | 22 | 4 | 1 | 1 | 1 | 43 J 06 | $74^{\circ} 23^{\prime} 21.67^{\prime \prime} \mathrm{E}$ | $34^{\circ} 40^{\prime} 36.22^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004410101224161 | 004410 | 004410_4_16 | 1 | 01 | 22 | 4 | 1 | 6 | 1 | 43 J 06 | $74^{\circ} 23^{\prime} 22.49^{\prime \prime} \mathrm{E}$ | $34^{\circ} 40^{\prime} 02.944^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004410101224211 | 004410 | 004410_4_21 | 1 | 01 | 22 | 4 | 2 | 1 | 1 | 43J06 | $74^{\circ} 23^{\prime} 23.31^{\prime \prime} \mathrm{E}$ | $34^{\circ} 39^{\prime} 29.65{ }^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Ringballa | Matchil 2st |
| 004411101224011 | 004411 | 004411_4_01 | 1 | 01 | 22 | 4 | 0 | 1 | 1 | 43J06 | $74^{\circ} 26^{\prime} 31.44^{\prime \prime} \mathrm{E}$ | $34^{\circ} 41^{\prime} 46.34^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Chontiwari | Matchil 2st |
| 004411101224061 | 004411 | 004411_4_06 | 1 | 01 | 22 | 4 | 0 | 6 | 1 | 43,106 | $74^{\circ} 26^{\prime} 32.24^{\prime \prime} \mathrm{E}$ | $34^{\circ} 41^{\prime} 13.04^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Chontiwari | Matchil 2st |
| 004411101224111 | 004411 | 004411_4_11 | 1 | 01 | 22 | 4 | 1 | 1 | 1 | 43 J 06 | $74^{\circ} 26^{\prime} 33.05^{\prime \prime} \mathrm{E}$ | $34^{\circ} 40^{\prime} 39.75{ }^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Chontiwari | Matchil 2st |
| 004411101224161 | 004411 | 004411_4_16 | 1 | 01 | 22 | 4 | 1 | 6 | 1 | 43J06 | $74^{\circ} 26^{\prime} 33.85^{\prime \prime} \mathrm{E}$ | $34^{\circ} 40^{\prime} 06.46^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | NA | NA |
| 004411101224211 | 004411 | 004411_4_21 | 1 | 01 | 22 | 4 | 2 | 1 | 1 | 43J06 | $74^{\circ} 26^{\prime} 34.66^{\prime \prime} \mathrm{E}$ | $34^{\circ} 39^{\prime} 33.17^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | NA | NA |
| 004412101224011 | 004412 | 004412_4_01 | 1 | 01 | 22 | 4 | 0 | 1 | 1 | 43 J 06 | $74^{\circ} 29^{\prime} 42.84^{\prime \prime} \mathrm{E}$ | $34^{\circ} 41^{\prime} 49.81^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | NA | NA |
| 004412101224061 | 004412 | 004412_4_06 | 1 | 01 | 22 | 4 | 0 | 6 | 1 | 43 J 06 | $74^{\circ} 29^{\prime} 43.63^{\prime \prime} \mathrm{E}$ | $34^{\circ} 41^{\prime} 16.52^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Dupal | Matchil 1st |
| 004412101224111 | 004412 | 004412_4_11 | 1 | 01 | 22 | 4 | 1 | 1 | 1 | 43J06 | $74^{\circ} 29^{\prime} 44.43^{\prime \prime} \mathrm{E}$ | $34^{\circ} 40^{\prime} 43.23^{\prime \prime} \mathrm{N}$ | 01 | Jammu and | 02 | baramula 0 | 03 | North | 02 | Kamraj | 03 | Matchil | Dupal | Matchil 1st |

## Basic requirements for the Mobile App

- Any Android mobile device with minimum android OS Version 6 and onwards.
- Supported devices (Android based Smart Phone \& Tablets)
- Good Internet connectivity (4G/5G) connection.
- Camera \& GPS
- List of the Users those are involved in the data collection work.
- Distribution of the Sample Points with the Users.
- Distribution of the App through FSI Website/ Play Store.
- Not support for iOS.

National Working Plan Code (NWPC)-2023 Data Collection App


POWERED BY: FOREST SURVEY OF INDIA @2022

National Working Plan Code 2023

Forest Resource Assessment and Data Collection

Forest resource assessment is essential requirement for sustainable management of the forests and its biodiversity as enshrined in the National forest Policy,encompassing the ecological, economic and social dimensions. This understanding drives the information needs for the planning and accordingly survey are planned to generated desired information with desired leve of accuracy and/ or precision. Working plan is one such important tool which helps in evaluating the status of forest resources, assessing the impacts of past management practices and deciding abou suitable management interventions for the future This unit provided methodology for assessment of forest resources, dependence of communities on forests and TOF along with data collection formats, processing techniques.

## FOREST INVENTOR

```
10:11 %
    84
    NWPC-23 Forest Inventory Grid Searching
        System for the Data Entry
    Search For Grid ID: xxxxxx_x_xx
```



- Search Sample Plots
- Update Master Tables
- Data Post/Sync
- Import Sample Plots
- Start Data Entry
- View on Google Map
- Get Direction to Sample Plot

- Update Master Tables
into the Android Device.
- One time task only.
- It required internet

- All the inventoried plots data sync to the database server.
- It required internet.

```
3:48 %
    *4*
    IMPORT SAMPLE PLOTS DATA FROM CENTRAL DATABASE SERVER
```

```
Select State/UT Select Circle * Select Division Select Range * }\begin{array}{c}{\mathrm{ Select Target \ear *}}\\{\mathrm{ Year m}}
```

Select State/UT Select Circle * Select Division Select Range * }\begin{array}{c}{\mathrm{ Select Target \ear *}}<br>{\mathrm{ Year m}}
Select State/U Select Circle Select Division Select Range Select Target

```
Select State/U Select Circle Select Division Select Range Select Target 
```

- Import sample plots data into the android device.
- One time activity.
- It required internet.




## Capture Plot Photograph Form

9:17 $\ldots$
CATURE FOREST INVENTORY IMAGES SOPT AND ROOT

| Plot Id * | Mapsheet No * | Grid Code * | State Code * |
| :---: | :---: | :---: | :---: |
| $0042881012:$ | 431006 |  | 004288 |


| 9:17 |  |  | -4 |
| :---: | :---: | :---: | :---: |
| CATURE FOREST INVENTORY IMAGES SOPT AND ROOT |  |  |  |
| Plot Id * | Mapsheet No * | Grid Code * | State Code * |
| 0042881012 : | 431006 | 004288 | 01 |

CATURE FOREST INVENTORY IMAGES SOPT AND ROOT

| Plot td * | Mapsheet No * | Grid Code * | State Code * |
| :---: | :---: | :---: | :---: |
| 0042881012 : | 431006 | 004288 | 01 |
|  |  |  |  |
|  |  |  |  |




## CAPTURE SPOT IMAGE

## Plot Approach Form



## Plot Description Form

| 9:30 \% |  |  | -4 |
| :---: | :---: | :---: | :---: |
| Mapsheet № 9(6) * | Grid Code 10(6) * | Latitude 11(8) * | Longitude 12(8)* |
| 431006 | 004288 | 34442571 | 74200449 |
| Legal Status 13(1) | Land Use 14(2) * | Density for LUC 14 (a)(2) * | Wild Life Protected Area 15(1) * |
| 1 - Reserved Fores | 04-Scrub | 00-Not Applicabic | 1 - National Park |
| $\begin{gathered} \text { General } \\ \text { Topography } 16(1) \text { * } \end{gathered}$ | Slope 17(3) * | Position on Slope $18(1)^{*}$ | Altitude 19(4) * |
| 0 - not reported | 011 | 0-Not reported | 0011 |
| Aspect 20(1) * | Rockiness 21(1)* | Humus 22(1) * | Soil Colour 23(1) * |
| 1-Northern | 1 - High | 1-Shallow | 2-Brown |
| $\begin{aligned} & \text { Soil Consistency } \\ & 24(1)^{\star} \end{aligned}$ | Soil Texture 25(1) * | Coarse Fragments 26(1) * | Soil Depth 27(1) * |
| 2-Slighly compac | 2-Clayey loam | 1-Loose stones | 2-Very shallow |
| Soil Erosion 28(1) * | Origin of Stand 29(1) * | $\begin{aligned} & \text { Crop Composition } \\ & 30(2)^{*} \end{aligned}$ | Canopy Layer or <br> Storey 31(1) * |
| 3-Mild | 1 - Natural forest 0 | 06 - Chir-pine | 1 - No storey |
| Top Height 32(2) * | Size Class 33(1) * | $\begin{gathered} \text { Intensity of } \\ \text { Regeneration } 34(1) \end{gathered}$ | Species under regeneration 35(4) |
| 01 | 1-Regeration | 1-Adequate | 0012 |
| Injuries to crop due to girdling 36(1) * | $\begin{aligned} & \text { Injuries to crop } \\ & \text { due to illicit felling } \\ & 37(1)^{*} \end{aligned}$ | Lopping for fodder etc $38(1)^{*}$ | Fire Incidence $39(1)$ * 39(1) * |
| 1 - Heavy | 2-Moderate | 3-Occasional | 1 - Heary |



2-Moderately $\frac{1 \text {-Heavily des } \quad 01-01-2024 \quad 00000000}{11-0.0}$


## Plot Enumeration and Sample Tree Form

| 9:33 ¢ |  |  |  | - 4 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mapsheet No 3(6) * | Grid Code $4(6) *$ | $\begin{aligned} & \text { Sub Plot No } \\ & 5(1)^{*} \end{aligned}$ | Slope Deg * | Slope 6(3) * | $\begin{gathered} \text { Sub Plot } \\ \text { Status } 7(1) \text { * } \end{gathered}$ |
| 431006 | 004288 | 2 | 01 | 002 | 1 -Sub-plot |
| Land Use 7A(2) * | Trees/ Bamboo Exist | Selected For STF * | No of Bamboo | No of Trees | Total Trees/ Bamboo * |
| 04-Scrub | Yes | No | 000 | 000 | 000 |
| SI No 8* | $\begin{gathered} \text { Species } \\ \text { Code } 9(4) \text { * } \end{gathered}$ |  | Species Name |  | $\begin{aligned} & \text { Dia (cm) } \\ & 10(3)^{*} \end{aligned}$ |
| 001 | 0045 |  | Alanthus altissim |  | 023 |
| Status of Tree 11(1) | $\begin{aligned} & \text { Caus of } \\ & \text { Death } 12(1) \end{aligned}$ | $\begin{aligned} & \text { Rotten/ } \\ & \text { Missing Cull } \\ & { }_{2} 3(1)^{*} \end{aligned}$ | Decay Class 14(1) * 14(1) * | cW1 15(2)* | cw2 16(2) * |
| 1-Tree/ba | 0-Not appl | 5-Not App | 6-Not appl | 00 | 00 |
| Total Height 17(2) | Uncompe cted Crown Lenght 18(2). | $\begin{gathered} \text { Compected } \\ \text { Crown } \\ \text { Lenght } \\ 19(2)^{*} \end{gathered}$ | Incidence of <br> Insect 20(1) | Incidence of Disease 21(1)* | $\underset{\substack{\text { DBT (mm) } \\ 22(2)^{*}}}{ }$ |
| 00 | 00 | 00 | 0 - No insec | 7-Not App | 00 |
| Bark Void \% 23(2) | Clear Bole Height(m) 24(2) * | $\underset{25(1) *}{\text { Dominance }}$ | Remark (for Trees/ | Identified and / Bamboo Spe | nd Uncoded ecies) |
| 0000 |  | 8-Not App |  |  |  |
|  |  |  | E E | E1 | F |



## Plot Enumeration and Sample Tree Form

01 - Closed $\frac{\text { Yes }}{\text { No }}+000$

| SINo 8 * | $\begin{gathered} \text { Species } \\ \text { Code } 9(4)^{*} \end{gathered}$ | Species Name * |  |  | $\begin{gathered} \text { Dia }(\mathrm{cm}) \\ \left.10(3)^{*}\right) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 002 | 0054 | Albizzia lucida/ucidior |  |  | p45 |
| Status of Tree 11(1) | Cause of Death 12(1) | $\begin{gathered} \text { Rotten/ } \\ \text { Missing Cull } \\ 13(1)^{*} \end{gathered}$ | Decay Class $14(1)$ * | cw1 15(2) * | CW2 16(2)* |
| 1-Tree/ba | 0-Not appl | 5- Not App | 6-Not appl | 00 | 00 |



| 1 | 2 | 3 | - |
| :---: | :---: | :---: | :---: |
| 4 | 5 | 6 | - |
| 7 | 8 | 9 | $\boxtimes$ |
| , | 0 | . | $\checkmark$ |


Android Emulator - pixel_5--_api_33:5554



| Bamboo Enumeration and Clump Analysis Form <br> (Non Clump Forming) | 边 |  |
| :---: | :---: | :---: |
|  |  |  |
|  | … |  |
|  |  | \%may mix mox |
|  | m-m | - - - - - . - . - - |
|  |  | 5 = w w w |
|  | \% ${ }^{\circ}$ |  |
|  | 0 | -mom |
|  | = = was: | -mammememer |
|  | $\cdots-\infty-\infty$ | - |
|  |  |  |
|  | - |  |
|  |  | $=-$ |


| Android Emulator - pixel_5_-_api_33:5554 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 10:20 \% |  |  |  |  | - $\square_{\text {- }}$ |
| Job No. 1 (3) * | Form Code 2 (2) * | Mapsheet No 3(6) * | Grid Code $4(6) \text { * }$ | Sub Plot No 36(1) * | o Bamboo Exist * |
| 101 | 06 | 431006 | 004289 | Select SubF | F Select Bam |
| Sample No. $7(1)$ * | Species $6(4)$ | ode Species |  | to under 2 <br> Dia in cm 8 $(2) \text { * }$ | $\begin{aligned} & 1 \text { to under } \\ & 2 \mathrm{~cm} \mathrm{Total} \\ & \text { Length in dcm } \\ & 9(3) \text { * } \end{aligned}$ |
| $\begin{gathered} 1 \text { to under } 2 \\ \text { cm Util. Lengt } \\ \text { in dcm Upto } \\ 1 \mathrm{~cm} \mathrm{top} \mathrm{dia} \\ 10(3)^{*} \end{gathered}$ |  |  |  | to under 5 m Dia in cm 13 (2) * | $\begin{aligned} & 2 \text { to under } \\ & 5 \mathrm{~cm} \mathrm{Total} \\ & \text { Length in dcm } \end{aligned}$ $14(3)^{*}$ |
| 2 to under <br> 5 cm Util. Length in dcm Upto 1 cm top dia 15(3) * | 2 to under 5 cm Util. Length in dcm Upto 2 cm top dia 16(3) * | 2 to under 5 cm Weight in grams 17 <br> (5) * | $\begin{aligned} & 5 \text { to under } \\ & 8 \mathrm{~cm} \text { Dia in } \\ & \mathrm{cm} 18 \text { (2) * } \end{aligned}$ | 5 to under 8 cm Total Length in dcm 19 (3) | $\begin{gathered} 5 \text { to under } \\ 8 \mathrm{~cm} \text { Util. } \\ \text { Length in } \\ \text { dcm Upto } 1 \\ \text { com top dia } \\ 20(3)^{*} \end{gathered}$ |
| 5 to under 8 cm Util. Length in dcm Upto 2 cm top dia 21(3) * | 5 to under 8 in grams 22 (5) * | 8 cm and above Dia in cm 23 (2) * | 8 cm and above Total Length in dcm 24 (3) * |  | d above Util. dcm Upto 1 cm dia $25(3)$ * |
| 8 cm and above Util. Length in dcm Upto 2 cm top dia 26(3) * | 8 cm and above Weight in grams 27 (5) * | Grn wt. with dry wt Sub-sample culm $1 \&$ under 2 cm <br> dia 28 (4) | Grn wt. with dry wt Sub-sample culm 2 \& under 5 cm dia 29 (4) * | Grn wt. with dry wt Sub-sample culm 5 \& under 8 cm dia 30 (4) * |  |




| s mo. | IP Habin | pose 10 (3) | (ealerer |  | $\left.\right\|_{\text {a }} ^{\text {coler }}$ | ${ }_{\text {a }}^{\text {a }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

## NTFP (Herbs, Shrubs and Climbers) and Regeneration Form

REGENERATION (Trees) FORM - (Field Form No- 6)

| Job No. 1 (3) * |  | Form Code 2 (2) * | Steate Code 3(2) * |  |
| :---: | :---: | :---: | :---: | :---: |
| 101 |  | 08 | 01 |  |
| Mapsheet No 4(6) * |  | Grid Code 5(6) * | Latitude 6(8) * |  |
| 431006 |  | 004289 | 34421610 |  |
| Longitude 7(8) * |  | Sub Plot No 8(1) * | Regeneration Tree Plants Exist * |  |
| 74231922 |  | Select SubPlot No | Select Bamboo Available |  |
| Regeneration Tree Species |  |  |  |  |
| SINo. * | Species Code 17(4) * | Species Name | $\mathrm{DBH}(\mathrm{~cm}) 18$ (1) * | Status of Tree 19(1) * |
|  |  |  |  | Select Tree St, |
| Number of Plants |  |  | Remark(for Identified and Uncoded Trees Species) |  |
| $\begin{aligned} & \text { Cat. of } \\ & \text { Regene. }-1[20 \\ & (2)]^{*} \end{aligned}$ | $\begin{gathered} \text { Cat. of } \\ \text { Regene.-2[21 } \\ \text { (2)] * } \end{gathered}$ | $\underset{\substack{\text { Cat. of } \\ \text { Regene.-3\|22 } \\ \text { (2)! }}}{*}$ |  |  |

SOIL AND FOREST FLOOR CARBON FORM - (Field Form No- 7)

| Job No. 1 (3) * |  | Form Code 2 (2) * |  | Mapsheet № 3(6) * |  | Grid Code 4(6) * |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 101 |  |  | 09 | 431006 |  |  | 004289 |
| Latitude $5(8)$ * |  | Longitude 6(8) * |  | Propotion of Gravel |  | $\underset{8(3) *}{\text { Propotion of Soil }}$ |  |
| 34421610 |  | 74231922 |  |  |  |  | 000 |
| Forest FloorSample No. $9(4)$ * | Soil Sample <br> No. 10(4) * |  | Weight of Forest Floor in gms. (upto 3 decimal places) (for Example 5.50 KG will be written as 05500) * |  |  |  | $\begin{gathered} \text { Weight of of } \\ \text { Soili(t).). } \\ \text { 14(4): } \end{gathered}$ |
|  |  |  | Plot-1 (360 Deg north) 11(5) * | Plot-2 2120 Deg azimuth from sub-plot 1 12(5) 12(5) * | $\begin{gathered} \text { Plot-3 } \\ \text { hoeg arin } \\ \text { Dind } \\ \text { sub-pl } \\ 13(5) \end{gathered}$ |  |  |

## Soil and Forest Floor Carbon Form



## Stump, Dead Wood and Woody Litter Form

DEAD WOOD INFORMATION AND WOODY LITTER FORM (Field Form No-8)

| Job No. 1 (3) * | Form Code 2 (2) * | Mapsheet No 3(6) * | Grid Code 4(6) | Latitude 5(8) * |
| :---: | :---: | :---: | :---: | :---: |
| 101 | 10 | 431006 | 004289 | 34421610 |
| Longitude 6 (8) | Sub Plot No | Presence of Dead Wood Information 17(1) | Weight of Woody Litter (in KG upto 2 decimal places) $16(4)$ * | Dead Wood info Exist * |
| 74231922 | Select SubPlot | Select Present |  | Select DeadW |
| Dead Wood Information |  |  |  |  |
| SINo. * | $\begin{aligned} & \text { Species Code } \\ & 12(4)^{\star} \end{aligned}$ | Species Name | $\begin{gathered} \mathrm{DBH} / \mathrm{Dia}(\mathrm{~cm}) \\ 13(3)^{*} \end{gathered}$ | $\begin{aligned} & \text { Length of the } \\ & \text { Log }(\mathrm{cm}) 14 \end{aligned}$ |

$\overline{\text { Remark(for Identified and Uncoded Trees Species) }}$




## Discussions...

Thanks

